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(71) Applicant: **SUMITOMO CHEM CO LTD**
 (72) Inventor: **TAKIZAWA YUKIHISA**
HASEGAWA SHINICHI

(54) **PREPARATION OF
 MONOALKYLRESORCINOL**

(57) Abstract:

PURPOSE: To obtain the title compound relatively simply in high yields and selectivity through one step reaction, by reacting resorcinol with an alkylating agent in an inert solvent, using phosphoric acid with a specific concentration.

CONSTITUTION: Resorcinol is reacted with an alkylating agent selected from the group consisting of ter-

tiary butyl alcohol, isobutyl alcohol and isobutyl an inert solvent, e.g., toluene, xylene, in the presence of phosphoric acid with an initial concentration of 50W65wt%, preferably 55W63wt%, desired 50W100°C for 3W6hr to give the desired compound. The amount of phosphoric acid based on resorcinol is not less than 80wt%, preferably 150W400wt%, the amount of the alkylating agent is 1.0W1.35 times the molar amount of resorcinol. The amount of the alkylating agent is preferably 1W10 times as much as resorcinol.

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